epth 6	Contents 7	Reference to last Measuren 8
	8,72,868 - 00	
	197457 - 00	
	98729 - 00	
	9873 - 00	
	493643 - 00	
	8678251 - 00	
	1194617 - 00	
	- - 00	
	8678251 - 00	

1st & final

Work Code :- 005-18-000062
Est cost :- 10.00 lakhs

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354842

Name of Work ..... Improvements to Road and Drains at Veerabhadrapura Ward No. 05 Byatarayanapura Sub Division
From ..... To .....
Name of Contractor of nature of Agency ..... Sri. Krishnagowda N patil, #57/7
Date of commencement of work ..... 2nd Main Road Ganga Nagar layout R.T.Nagar, Bangalore-32

Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
Work Order No:- BBMP/EE/BTP/WO/86/18-19 Dt 27/8/18						
Earthwork Excavation by manual means in Ordinary soil involving an avg. lift upto 2m and an avg. lift 0.5m excavated surface leveled & sides neatly dressed the disposed earth to be leveled neatly after breaking of clods etc complete						
Qty is as per measurement of the MB Page 35487 to 35487					=	152.63 m³
@ Rate 80.10/m³					=	12225.66

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(2) providing & laying in position P.C.C of Mix M 1:4:8 with 40mm & down size graded granite metal coarse aggregate & fine aggregate ML mines conbeate laid in layers not exceeding 15cm thick well compacted in foundation & pling including cost of all meaterials Labour Hire & machinery curing the compleate.						
	Qty is as per premeasurement of MB page 35 4878 =					= 64.5 m³	
	@ Rate ~~4995~~ 4939.50/m³					= ~~3185.77~~ 3185.98	
	(3) providing & laying cement conbeate using 20mm & down size granite Jelly of ready mixes conbeate (RMC) for RCC centre laid in						

Material No. .....
Name of Work .....
Name of Contractor or Nature of Agency
Date of commencement of work .....

Date	Full description, etc, of work
	2
	15cm thick ba finishing with cubestand pun compleate.

BOOK

adth 5	Depth 6	Contents 7	Reference to last Measurem 8
sm	P.C.C of mix M1:4:8		
ded	granite metal		
gate	ML mines Concreate		
	15cm thick well		
	pling including cost of		
	& machinery curing		
	easement of 15		
	4878 = = 64.5 m³		
	= 2855.75		
	3185.98		
e	Concreate using		
ite	Jelly of ready		
	Ree work left in		

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354843

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor or nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	15cm thick layers & well compacted vibrating curing finishing with necessary C.m form work & scaffolding to withstand pumping of Concreate with all lead & lifter complete.						
	C&F.C.	1	15.00	$\frac{3.10+3.40}{2}$	x0.10	= 5.17	
		1	15.00	$\frac{3.40+3.3}{2}$	x0.10	= 5.02	
		1	15.00	$\frac{3.3+2.8}{2}$	x0.10	= 4.57	
		1	15.00	$\frac{2.80+3.00}{2}$	x0.10	= 4.35	
		1	15.00	$\frac{3.20+3.0}{2}$	x0.10	= 4.65	
		1	10.00	$\frac{3.80+3.70}{2}$	x0.10	= 3.75	
		1	13.00	$\frac{3.70+3.50}{2}$	x0.10	= 4.86	
						32.37	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	9.50	$\frac{4.70+2.70}{2}$	×0.10	= 3.50	
		1	4.80	$\frac{2.50+2.70}{2}$	×0.10	= 1.24	
		1	11.10	$\frac{2.60+2.20}{2}$	×0.10	= 2.66	
		1	4.70	3.70	×0.10	= 1.73	
		1	3.30	1.60	×0.10	= 0.52	
		1	8.00	$\frac{1.01+1.10}{2}$	×0.10	= 0.84	
						42.80 m³	
						= 2555 ₹ 4.18	
	⑤ Rate 596 ₹/m³						
	④ Vacuum De-watering with Vacuum pump & Suction mat & Compaction with Steam Roller clubbed with floating disc including cost of generator HSD & machinery forces Vibratory						

M. A.
Me

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Numbe
	2	3
	power floater blade +	

OOK

Depth 6	Contents 7	Reference to last Measurement 8
0+2.70	×0.10 = 3.50	
50+2.70	×0.10 = 1.24	
60+2.20	×0.10 = 2.66	
.70	×0.10 = 1.73	
00	×0.10 = 0.52	
0+1.10	×0.10 = 0.84	
	42.86 m³	
	= 2555 ℓ.18	
	=	

= Vacuum pump f
ill Steam Heater.
including cost of
ory Pierced Vibratory

M. A. R. 57 (Rule 116)
Measurement Book

No. B

354844

...al No. .....
...me of Work ..... From..... To.....
...me of Contractor of nature of Agency .....
...e of commencement of work .....

...te	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	power floater blade + size mill Oil load & Lift etc complete						
		1	15.00	$\frac{3.50+3.40}{2}$		= 51.75	
		1	15.00	$\frac{3.40+3.30}{2}$		= 50.20	
		1	15.00	$\frac{3.30+2.80}{2}$		= 45.70	
		1	15.00	$\frac{2.80+3.00}{2}$		= 43.50	
		1	15.00	$\frac{3.20+3.00}{2}$		= 46.50	
		1	10.00	$\frac{3.80+3.70}{2}$		= 37.50	
		1	13.50	$\frac{3.70+3.30}{2}$		= 48.60	
		1	9.50	$\frac{4.70+2.70}{2}$		= 35.10	
		1	4.80	$\frac{2.50+2.70}{2}$		= 12.40	
							371.15

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth	371.15	
1	2	3	4	5	6	7	8
		1	11.10	$\frac{2.60+2.20}{2}$		= 26.49	
		1	4.70	3.70		= 17.39	
		1	3.30	1.60		= 5.28	
		1	8.00	$\frac{1.07+1.10}{2}$		= 8.40	
						428.86 m²	
						= 38168.54	
	⑤ Rate 89/m²						
	⑤ providing groove cutting for concreate pavement width of 5mm to 10mm & depth 80mm-100mm including cost of cutting machine generator & HOM of machinery including cost of blade coolant etc including cleaning of grooves & providing sand & hot bitumen filled filler metal etc complete						

M. A. R
Meas

Serial No. ..... From...
Name of Work .....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Number
	2	3
		3
		1
		3
		1
		3
		1
		3
		1
		8
		1

IENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	371.15 7	8
.10 ×	2.60+2.20 / 2	=	26.19	
70 ×	3.70	=	17.39	
30 ×	1.60	=	5.28	
.00 ×	1.07+1.10 / 2	=	8.40	
			428.86 m²	
			= 38168.54	

ing for concreate pavement
depth 80mm-100mm.m
g machine generator
including cost + blade
cleaning of grooves
button filled filler
rate

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354845

rial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

te	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
		3 ×	3.50+3.4 / 2		=	10.35	
		1 ×	15.00		=	15.00	
		3 ×	3.4+3.50 / 2		=	10.05	
		1 ×	15.00		=	15.00	
		3 ×	3.3+2.8 / 2		=	9.15	
		1 ×	15.00		=	15.00	
		3 ×	2.8+3.00 / 2		=	8.10	
		1 ×	15.00		=	15.00	
		3 ×	3.2+3.00 / 2		=	9.30	
		1 ×	15.00		=	15.00	
						181.50	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth	181.50	
1	2	3	4	5	6		8
		2	3.80+3.70 / 2			= 7.50	
		1	10.10			= 10.10	
		2	3.70+3.60 / 2			= 7.20	
		1	13.80			= 13.80	
		2	4.70+2.70 / 2			= 7.40	
		1	9.60			= 9.60	
		1	2.50+2.70 / 2			= 2.6	
		2	2.60+2.20 / 2			= 4.8	
		1	11.10			= 11.10	
		1	3.70			= 3.70	
		1	1.60			= 1.60	
		2	1.0+1.10 / 2			= 2.10	
						202.95 Rmt	

M. A. R. 57
Measurem

rial No. .....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

From.....

ate	Full description, etc, of work	Number	Len
	2	3	
			Unit e
	⑤ Rate 106.8 / Rmt		
⑥	Precast Slab 20mm t C centering & Shuttering layers not exceeding 3 all materials (at elc complete	2	
		2	

NT BOOK

mensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	181.50 7	8
3.70+3.70 / 2			= 7.70	
10.10			= 10.10	
7.0+3.20 / 2			= 7.20	
3.80			= 13.80	
1.70+2.70 / 2			= 7.60	
9.60			= 9.60	
2.50+2.70 / 2			= 2.6	
2.60+2.20 / 2			= 4.8	
11.10			= 11.10	
3.70			= 3.70	
1.60			= 1.60	
1.0+1.10 / 2			= 2.10	
			202.95 Rmt	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354846

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
						202.95 Rmt	
	⑤ Rate 106.8/Rmt	Limited to Schedule qty				= 150 Rmt ~~437~~	
						= ~~16020.00~~	
						16020	
	⑥ precast slab 20mm ϕ down size for slab including centering & shuttering all mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour Hire of machinery curing etc complete						
		2	15	x 0.90	-	= 27.00	
		2	15	x 0.90	-	= 27.00	
						54.00	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurem
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		2	15.00	0.90	—	27.00	
		2	15.00	0.90	—	27.00	
		2	8.50	0.90	—	15.30	
						123.30 m²	
						= 215775=00	
	C&FC						
	@ Rate 1750/m²						
	work						
	(1) Disposal of Debris shall be payable as per Lorry charge rates by mechanical means including loading & Unloading etc complete as per Lorry ie as vide item no 1					= 152.63 m³	
						= 10783.30	
	Certificate: (1) That the above work is done satisfactorily					Total Rs 86714.9=00	
	@ Rate 70.65/m³						
	(2) The above Bill amount is not claimed any of privious Bills					Rs 8.67.14 Rs 867	

M. A. R. 57
Measurem

rial No. ..... From.....
me of Work .....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work	Number	Le
	2	3	
	C C Rds		
	Cogilu circle		
	Cogilu colony.		
	Work from		

NT BOOK

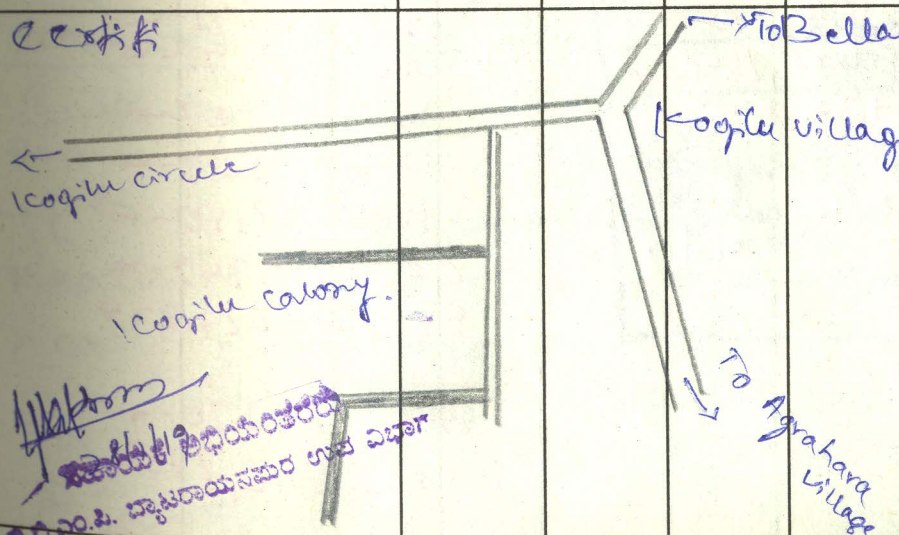
mensions			Contents	Reference to last Measurem
	Breadth 5	Depth 6	7	8
∞	0.90	—	27	
∞	0.90	—	27	
0	0.90	—	15.30	
			123.30 m²	
			= 215775=00	
his shall be payable				
hanical means				
nloading etc complete				
em no 1			= 152.63 m³	
			= 10783.30	
Total			Rs 867149=00	
ount allowed				
Rs 8.67.14 s.k				

M. A. R. 57 (Rule 116)
Measurement Book

No. B 354847

erial No. .....
me of Work ..... From..... To.....
me of Contractor of nature of Agency .....
te of commencement of work .....

ate	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	certificate						



ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-96

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions					Reference to last Measurement
		Number	Length	Breadth	Dep		
1	2	3	4	5	6	7	8

Total Rs. 8,66,787-00

Today Rs: 8,67,145-00

IT	8671-00
Cess	8671-00
CBF.	867-00
LR.	13527-00
Fine	3150-00
CGST.	7742-00
SGST.	7742-00
Advs	50370-00
Cheque	8,16,775-00

ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ 867145-

ಗ್ಯಾರಂಟಿ ಮಾಸ್ತು ಮುರಿದ: ಇದರಲ್ಲಿರೂ 50370-

ಕಡಿಮಾಡಿ ಮಾಡಿಕೊಂಡು ಉಳಿದ ಮೊಬಲಗು 8,16,775-

Rs: Eight Lakh Sixteen Thousand Seven Hundred Seventy five only

ಚೆಕ್ ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ

ಲೆಕ್ಕಾಧೀಕ್ಷಕರು 01/02

ಕಾ. ನಿ. ಅ. 01/02

ಬ್ಯಾಟರಾಯನಪುರ ವಿಭಾಗ

ಬೃ. ಬೆ. ಮ. ಪಾ

01/02

1st & final

M. A. R

Mea

riai No. ..... Improvements to ... From

me of Work ..... Srinivas House Road

me of Contractor of nature of Agency ..... Sri Lo

te of commencement of work ..... Layout

ate	Full description, etc, of work	Number
	2	3
	Work Order NO:-BBMP	
(1)	Earthwork Excava	
	soil involving an	
	up to 0.5m exc	
	neatly dressed (	
	neatly after brea	
	ality is as	
	Rate 80.1/m³	